SETAMINE COLORS

FOR TIN-WEIGHTED SILK

667.2
D928
S

FRANKLIN INSTITUTE LIBRARY
PHILADELPHIA

Class 667.2 Book D228 S Accession 99908

REFERENCE

Given by

Digitized by the Internet Archive
in 2016 with funding from
Getty Research Institute

https://archive.org/details/setaminecolorsfo00eidu

SETAMINE COLORS

FOR TIN-WEIGHTED SILK

FRANKLIN INSTITUTE
PHILADELPHIA

E. I. DU PONT DE NEMOURS & CO., INC.
Dyestuffs Department
WILMINGTON, DELAWARE, U. S. A.

E. 353. 1927

FRANKLIN INSTITUTE
PHILADELPHIA

SETAMINE COLORS

FOR TIN-WEIGHTED SILK

IN response to the demands of the dyers of tin-weighted silk for a series of colors that will be fast to scrooping, perspiration, water and mild soaping, and that will penetrate tin-weighting and eliminate "white pieces", we are pleased to offer our line of Setamine Colors, which meet these particular requirements. These dyestuffs can be used as self colors or in combinations to produce a wide range of shades, dyeing evenly in all strengths from delicate to full tones.

There are shown also a series of neutral dyeing acid colors suitable for shading the Setamine colors.

All dyeings shown have been made on crepe, weighted approximately 37% over raw weight.

APPLICATION

Medium and Light Shades

Start the machine at 110° F. with from 1% to 3% monopole oil or if desired 1% to 3% sodium phosphate. Run 10 minutes. Then add the required amount of dyestuff. Heat slowly to 160° F. to 180° F., depending on the texture of the material, and run for ½ hour. Add 10% Glauber's salt and continue dyeing for ½ hour. Give one wash, drain, and scroop in a final water containing acetic acid.

Full Shades

The dyeing is carried out as outlined above, except that 5% of acetic acid is added to exhaust the bath.

Midnight Blue and Navies

Start the machine at 110° F. with the monopole oil or sodium phosphate. Run 10 minutes. Then add the necessary amount of Setamine Green. Increase the temperature to 160° F. to 180° F., and dye for 15 minutes. Add 10% of Glauber's salt and continue running for 20 minutes. Add the required amount of Setamine Blue. Run for 30 minutes and add from 5% to 10% of acetic acid to exhaust. Give one wash, drain, and scroop in a final water containing acetic acid.

Black

The dyeing is carried out as outlined above for navies, with the exception that approximately 20% of acetic acid is required to exhaust the bath, and this is added in four portions at suitable intervals.

Setamine Yellow GG

½%

1½%

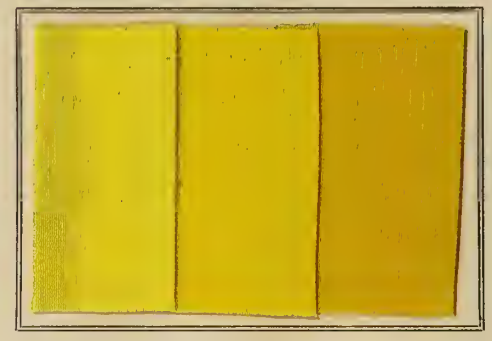
3%

Setamine Yellow G

½%

1½%

3%



Setamine Yellow GR

½%

1½%

3%

Setamine Orange G

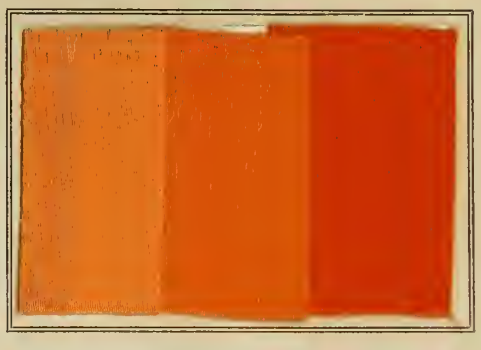
½%

1½%

3%

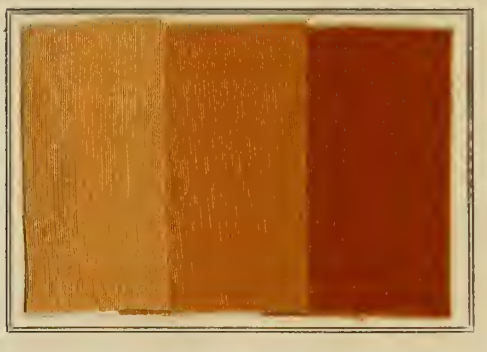
Setamine Orange R

½%
1½%
3%



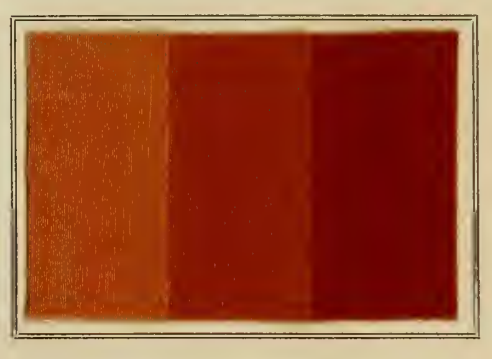
Setamine Brown 3G

½%
1½%
3%



Setamine Brown CG

½%
1½%
3%

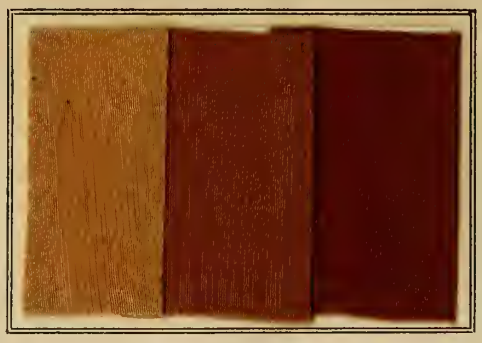


Setamine Brown CR

½%
1½%
3%

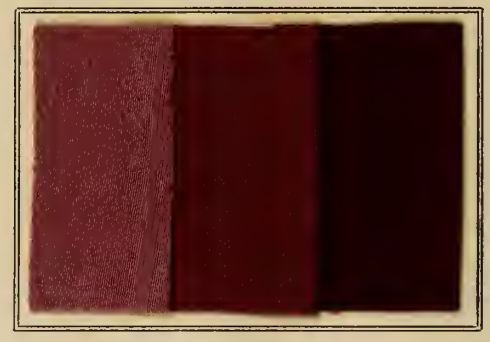
Setamine Brown GN

½%
1½%
3%



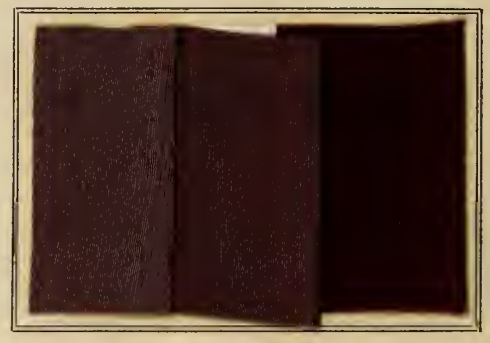
Setamine Brown 5R

½%
1½%
3%



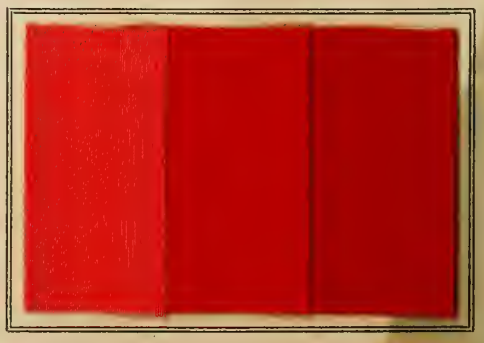
Setamine Red Brown

1½%
3%
5%



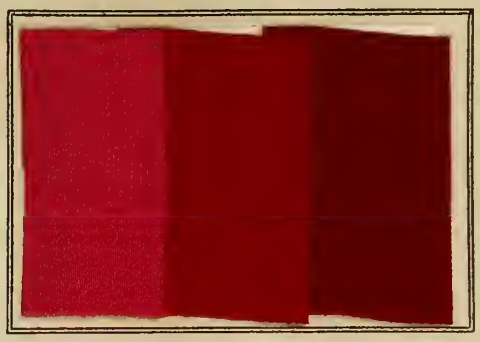
Setamine Scarlet B

½%
1½%
3%



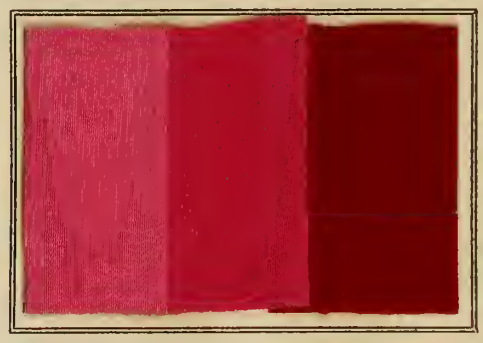
Setamine Scarlet 3B

½%
1½%
3%



Setamine Red BD

½%
1½%
3%



Setamine Red G

½%
1%
2%

Setamine Red B

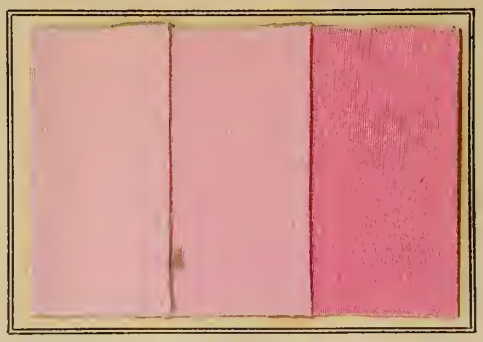
¼%
1½%
3%

Setamine Pink

1/20%

1/10%

2/5%

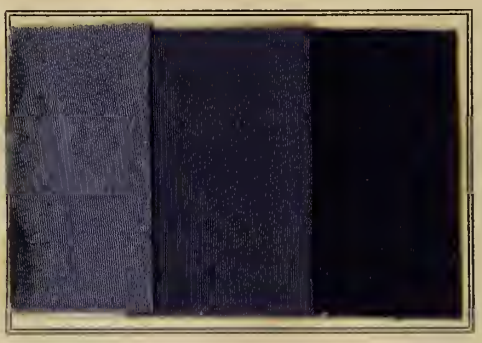


Setamine Gray

1/4%

3/4%

1½%



Setamine Violet B

½%

1½%

3%

Setamine Blue G

1½%

4%

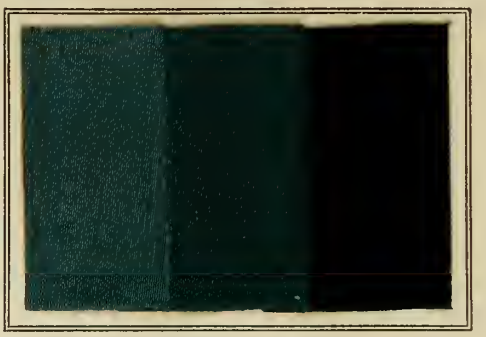
8%

Setamine Green G

½%

1%

2%

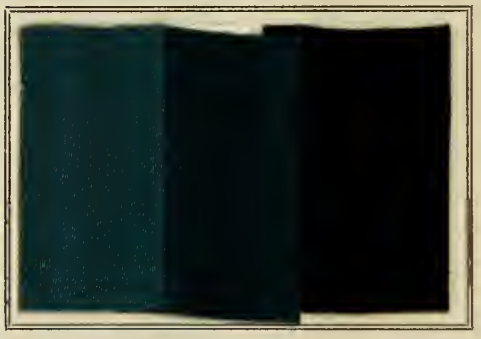


Setamine Green B

½%

1%

2%



Setamine Blue R

1¼%

3%

5%

Setamine Navy Blue

1½%

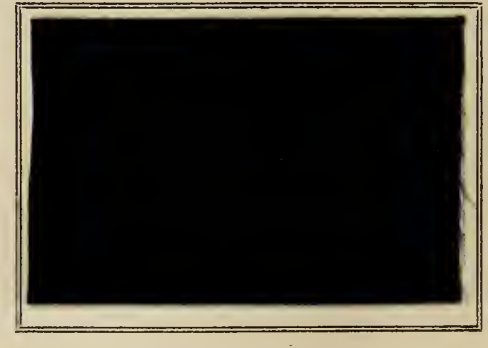
4%

8%

Bottom:
½% *Setamine Green G*
Dyed with
1½% *Setamine Blue G*

Bottom:
1⅛% *Setamine Green G*
Dyed with
2½% *Setamine Blue G*

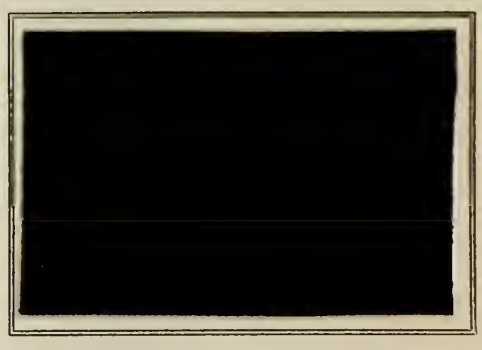
Bottom:
1⅝% *Setamine Green G*
Dyed with
5% *Setamine Blue G*



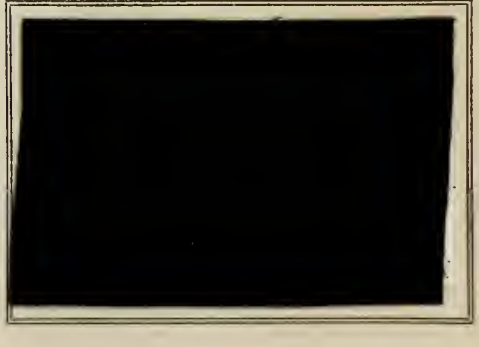
3½% *Setamine Fast Blue GR*

Bottom:
1¾% *Setamine Green G*
Dyed with
10% *Setamine Blue G*

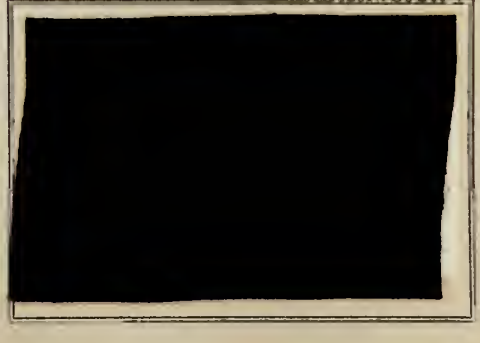
7% *Setamine Fast Blue GR*



10% *Setamine Fast Blue GR*



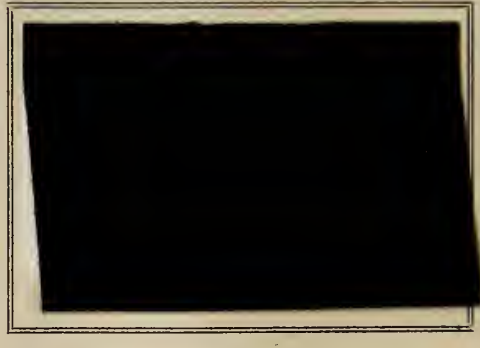
Bottom:
2¾% *Setamine Green G*
Dyed with
2% *Setamine Blue R*



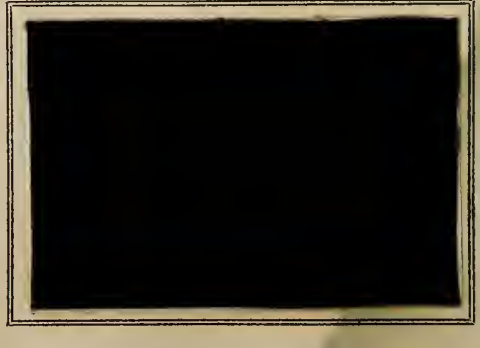
Bottom:
1¼% Setamine Green G
Dyed with
2½% Setamine Navy Blue

12% Setamine Black G

9% Setamine Black Extra



12% Setamine Black B



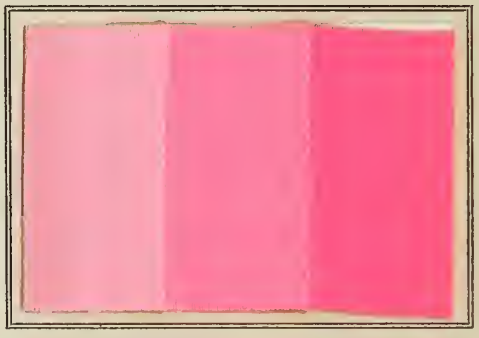
Neutral Dyeing Acid Colors for Shading

Du Pont Rhodamine 6 GDN Extra

.025%

.075%

.15%

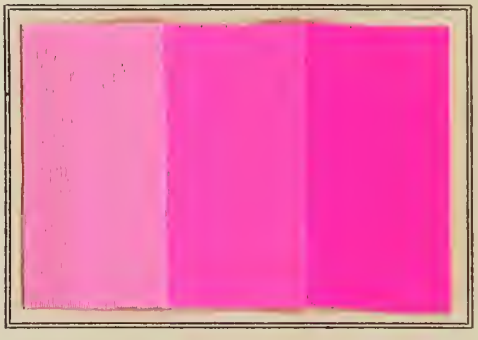


Du Pont Rhodamine B Extra

.025%

.075%

.15%

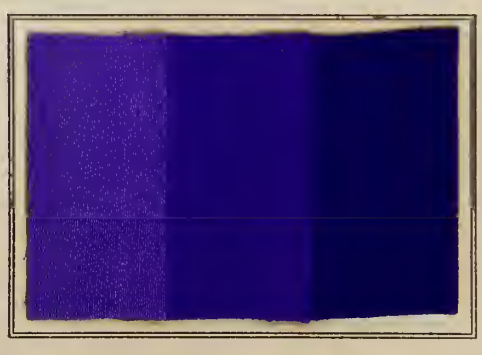


Pontacyl Violet 4 BL

¼%

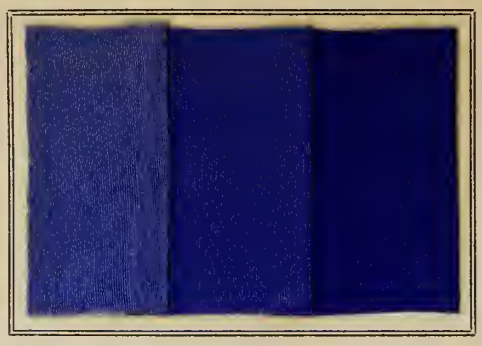
½%

1%



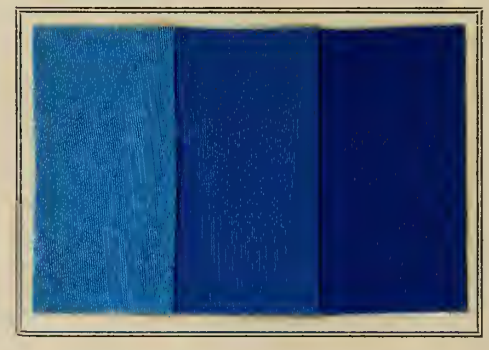
Pontacyl Fast Violet 10 B

½%
1%
2%



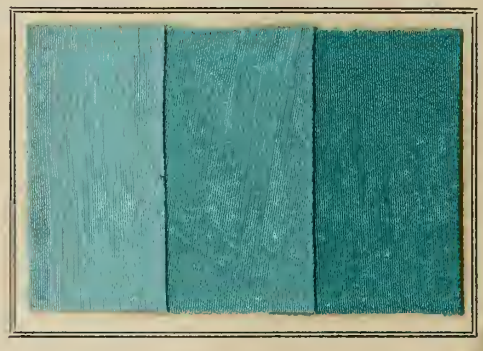
Pontacyl Brilliant Blue A

½%
1%
2%



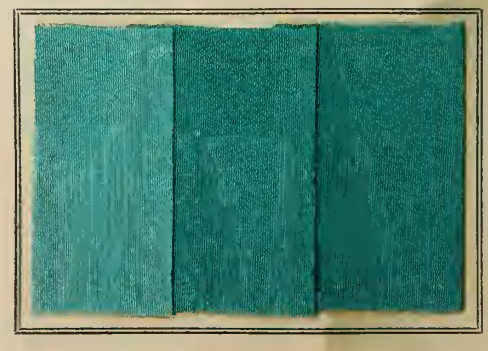
Pontacyl Green BL Conc.

½%
1%
2%



Pontacyl Green NV Conc.

½%
1%
2%



Erratum: On the third page of dyeings, Setamine Scarlet B should read Setamine Scarlet G.

Without guarantee

PHILADELPHIA

E. I. DU PONT DE NEMOURS & CO., INC.
Dyestuffs Department
WILMINGTON, DELAWARE, U. S. A.

BRANCH OFFICES

274 Franklin Street,
Boston, Mass.

232 West First Street,
Charlotte, N. C.

1114 Union Trust Bldg.,
Chicago, Ill.

126-128 South Front Street,
Philadelphia, Pa.

709 Hospital Trust Building,
Providence, R. I.

8 Thomas Street,
New York City

569 Mission Street,
San Francisco, Calif.

FRANKLIN INSTITUTE
PHILADELPHIA

CONS.
SPECIAL
87-B
10646

U. S. BETTY GRUFFEL
LIBRARY